

Appendix Test Data

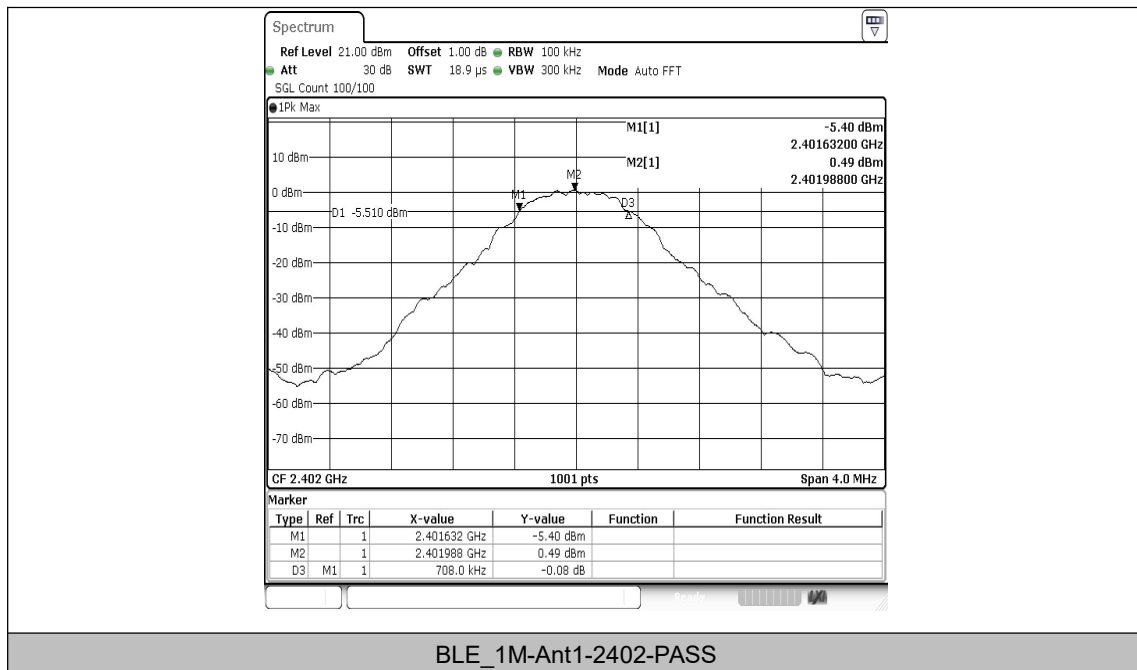
Report No.:	1812C50257612501	Test Sample No.:	1-2-2
Start Test Date:	2025-7-7	Finish Test Date:	2025-7-9
Test Engineer:	<i>dylan. Ma</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.9°C	Relative Humidity:	47%
Pressure:	101kPa		

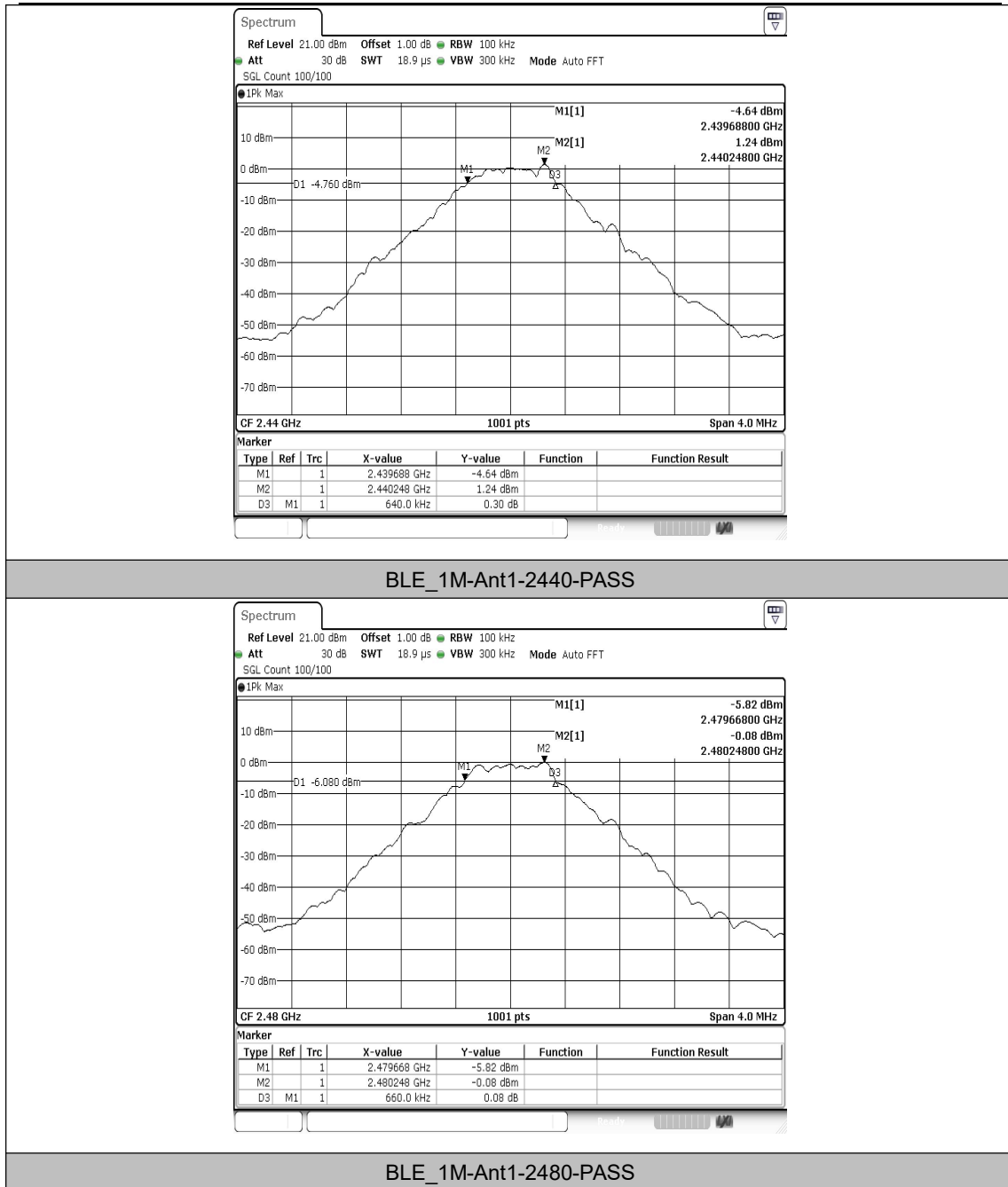
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.71	2401.63	2402.34	0.5	PASS
BLE_1M	Ant1	2440	0.64	2439.69	2440.33	0.5	PASS
BLE_1M	Ant1	2480	0.66	2479.67	2480.33	0.5	PASS

Test Graphs



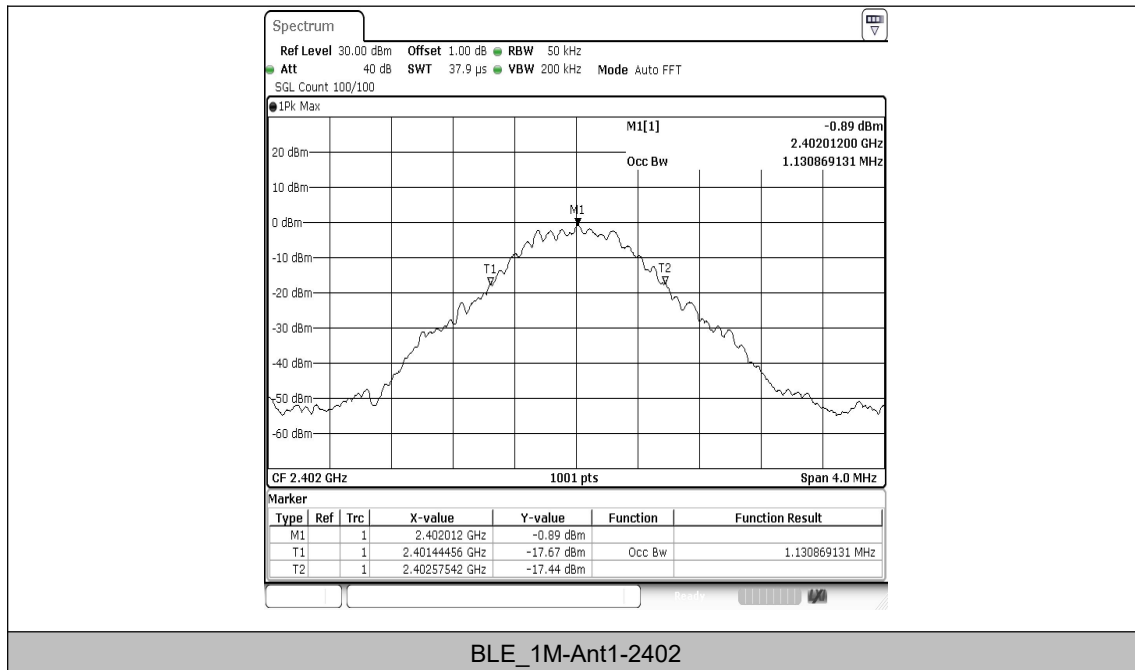


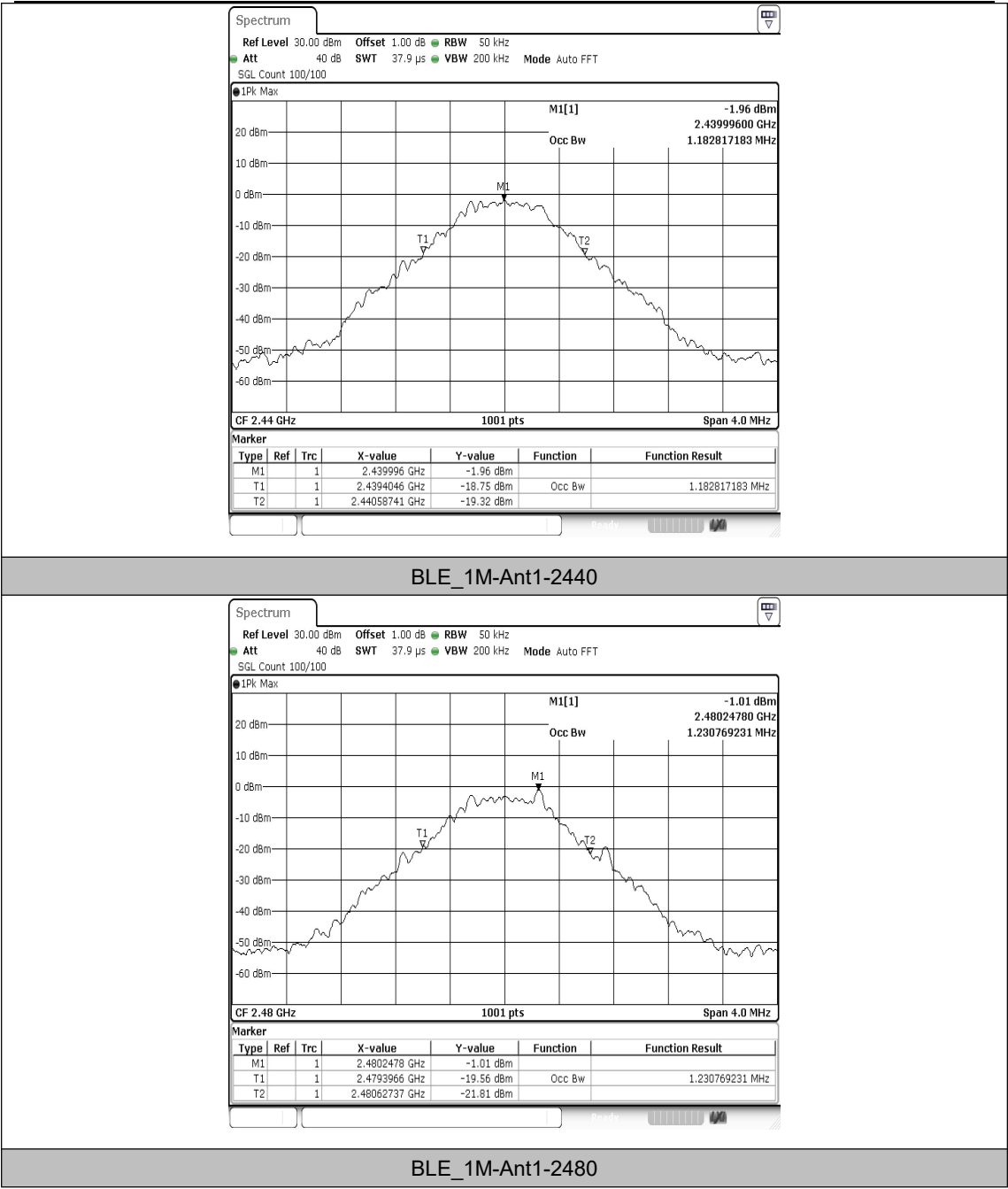
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.1309	2401.4446	2402.5754	---	---
BLE_1M	Ant1	2440	1.1828	2439.4046	2440.5874	---	---
BLE_1M	Ant1	2480	1.2308	2479.3966	2480.6274	---	---

Test Graphs



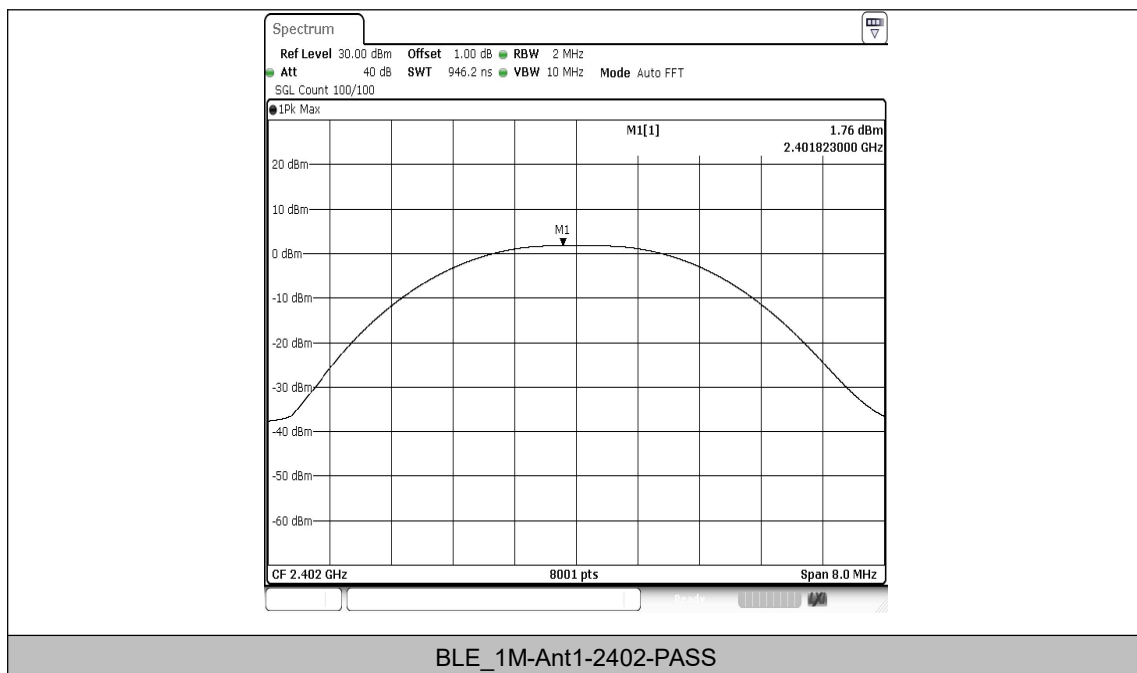


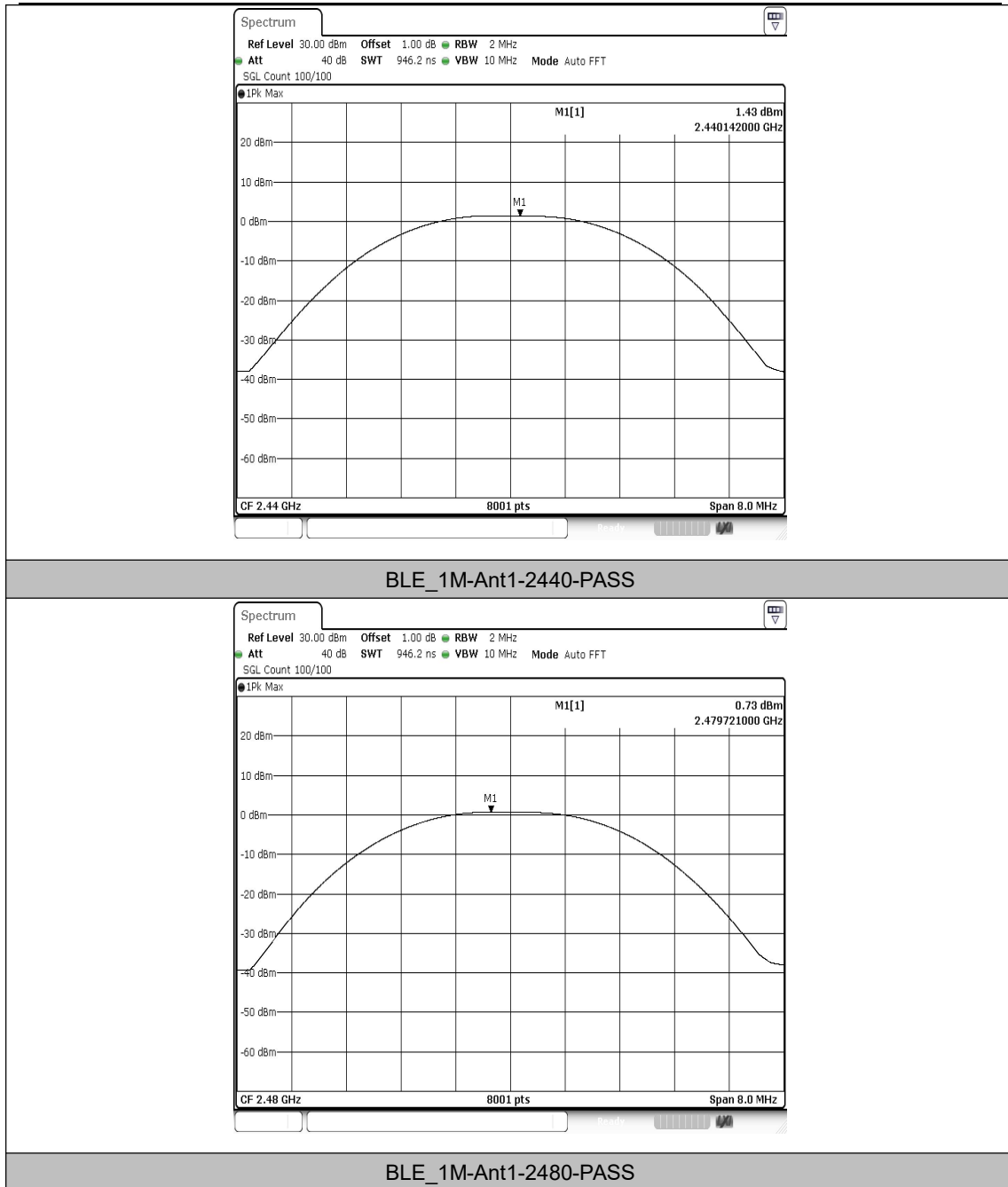
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.76	≤30	PASS
BLE_1M	Ant1	2440	1.43	≤30	PASS
BLE_1M	Ant1	2480	0.73	≤30	PASS

Test Graphs Peak





Shenzhen Anbotek Compliance Laboratory Limited

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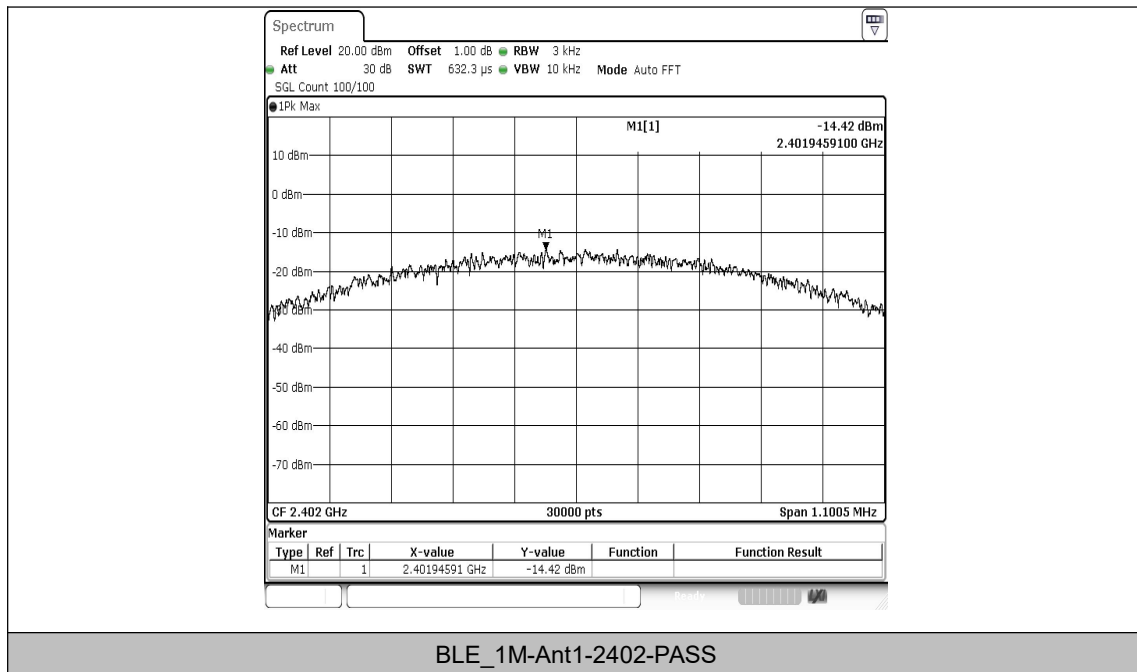
Hotline
400-003-0500
www.anbotek.com

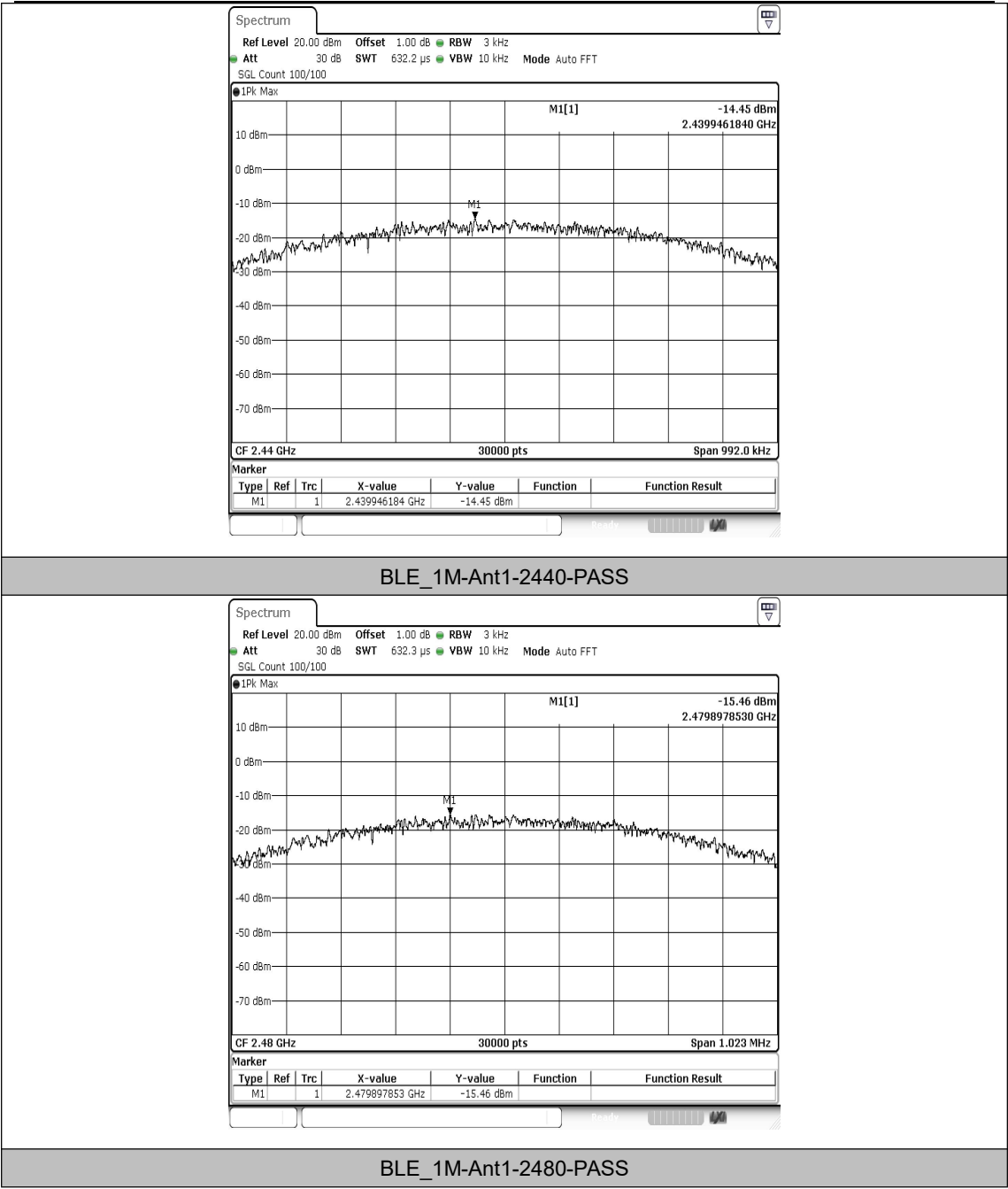
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.42	≤8.00	PASS
BLE_1M	Ant1	2440	-14.45	≤8.00	PASS
BLE_1M	Ant1	2480	-15.46	≤8.00	PASS

Test Graphs





Appendix E: Band edge measurements

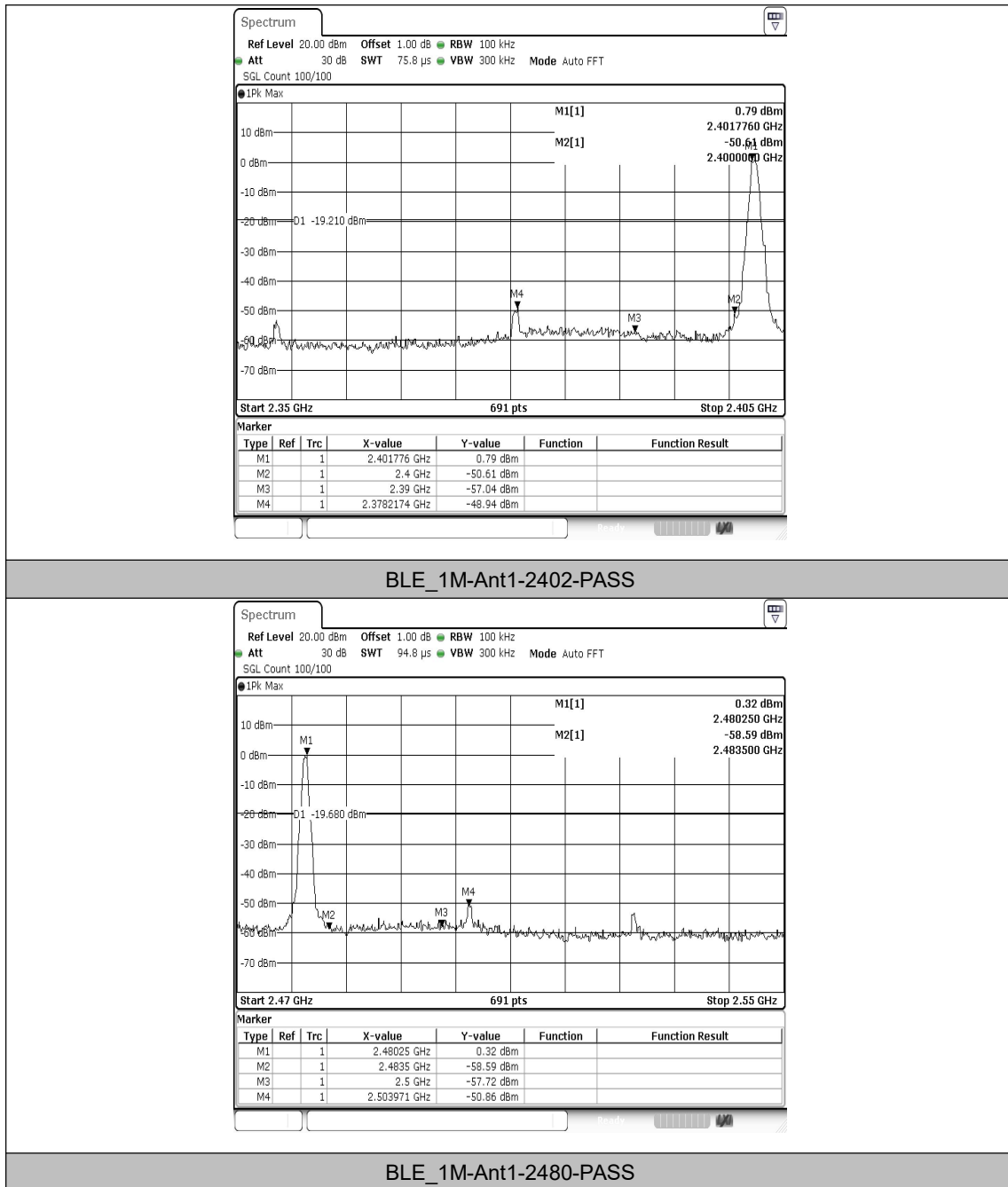
Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.79	-48.94	≤-19.21	PASS
BLE_1M	Ant1	High	2480	0.32	-50.86	≤-19.68	PASS

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.



Test Graphs



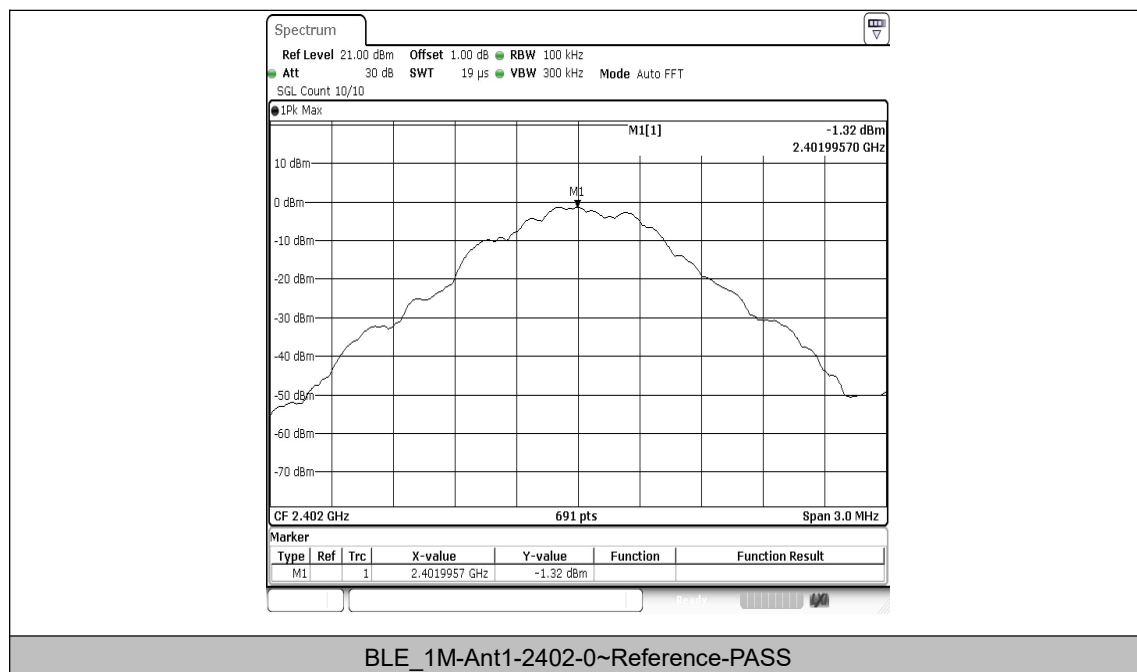
Appendix F: Conducted Spurious Emission

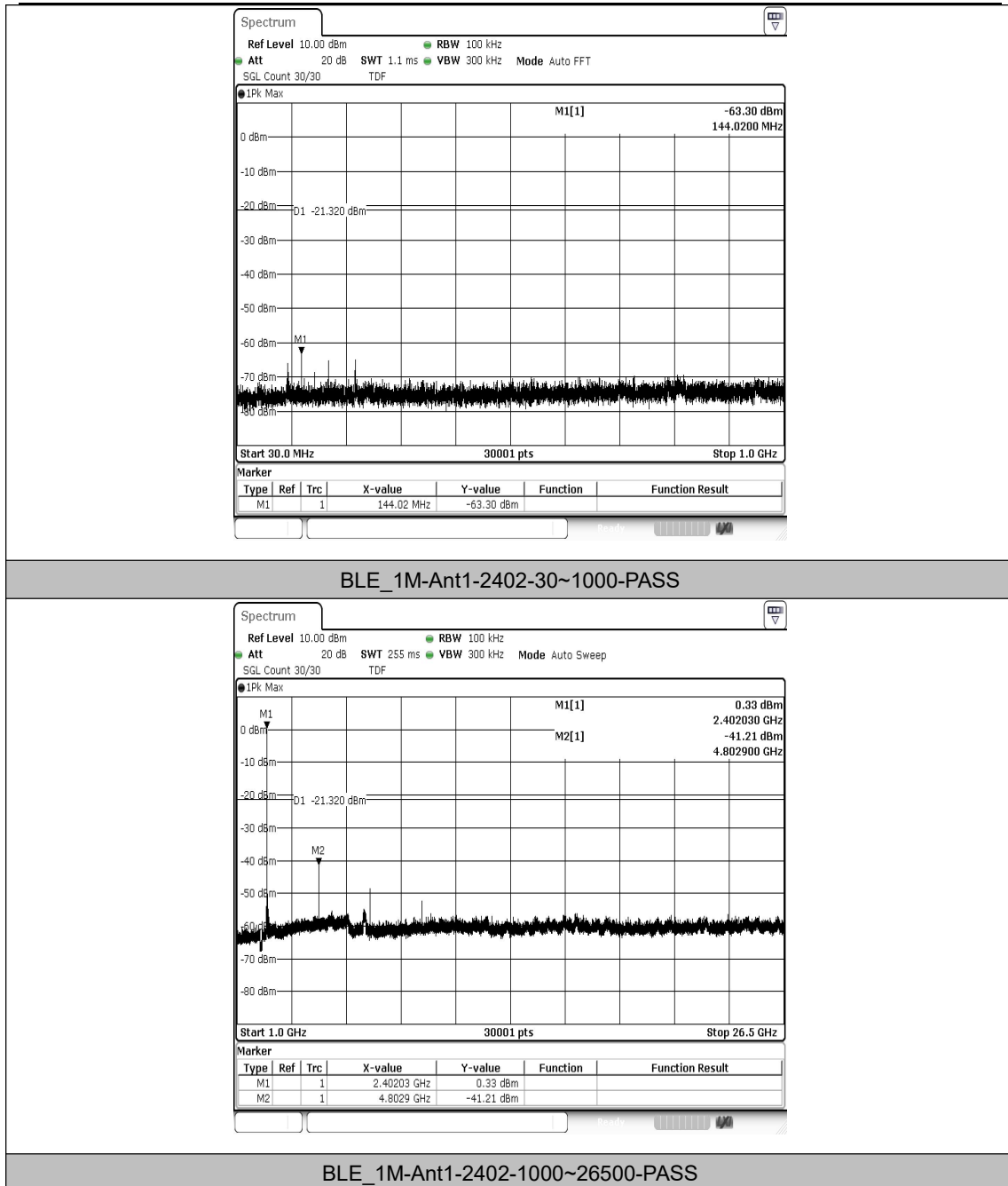
Test Result

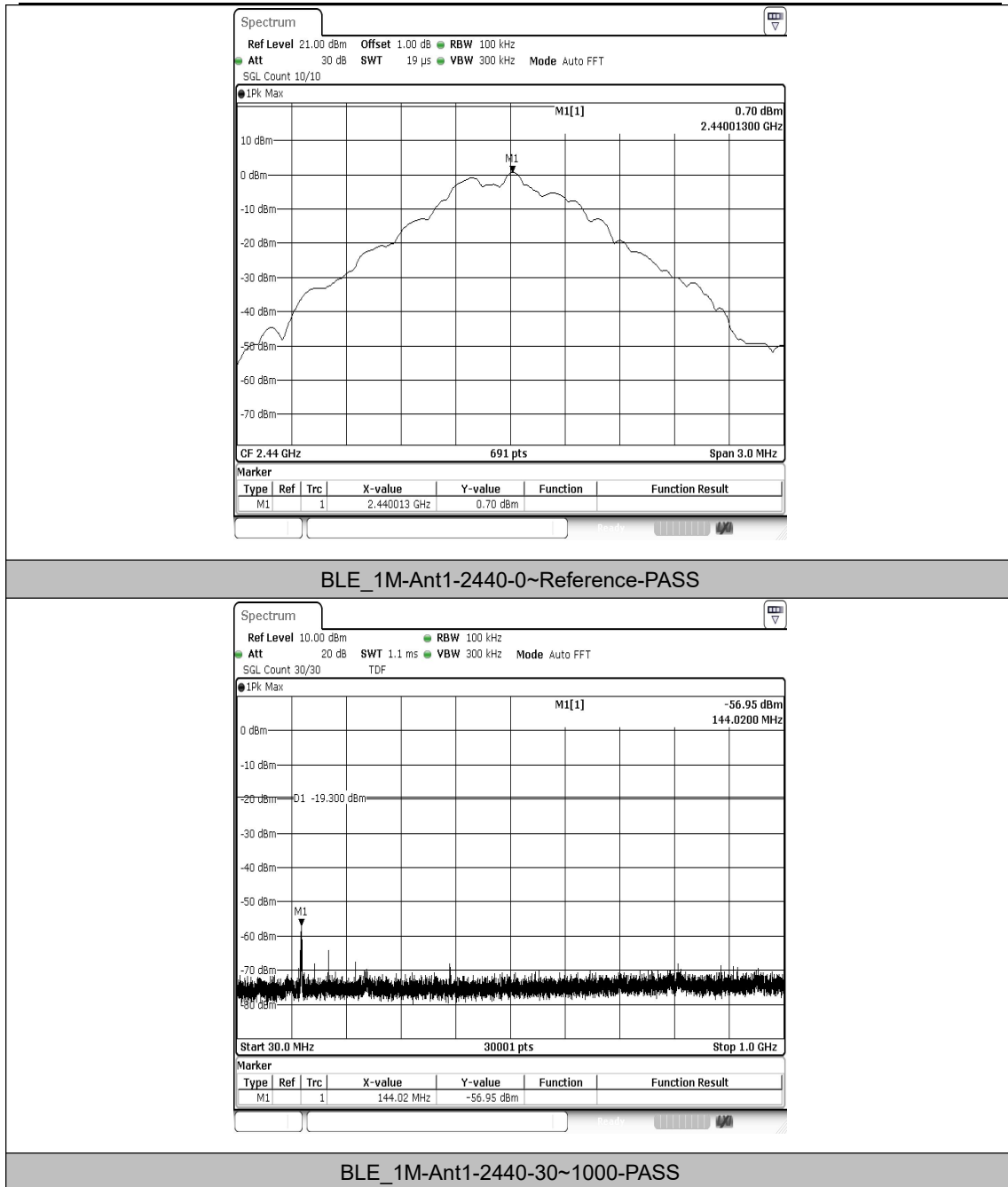
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.32	-1.32	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.32	-63.3	≤-21.32	PASS
BLE_1M	Ant1	2402	1000~26500	-1.32	-41.21	≤-21.32	PASS
BLE_1M	Ant1	2440	0~Reference	0.70	0.70	---	PASS
BLE_1M	Ant1	2440	30~1000	0.70	-56.95	≤-19.3	PASS
BLE_1M	Ant1	2440	1000~26500	0.70	-39.64	≤-19.3	PASS
BLE_1M	Ant1	2480	0~Reference	-1.28	-1.28	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.28	-56.89	≤-21.28	PASS
BLE_1M	Ant1	2480	1000~26500	-1.28	-37.71	≤-21.28	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'TDF' of the Spectrum Analyzer during the test.

Test Graphs



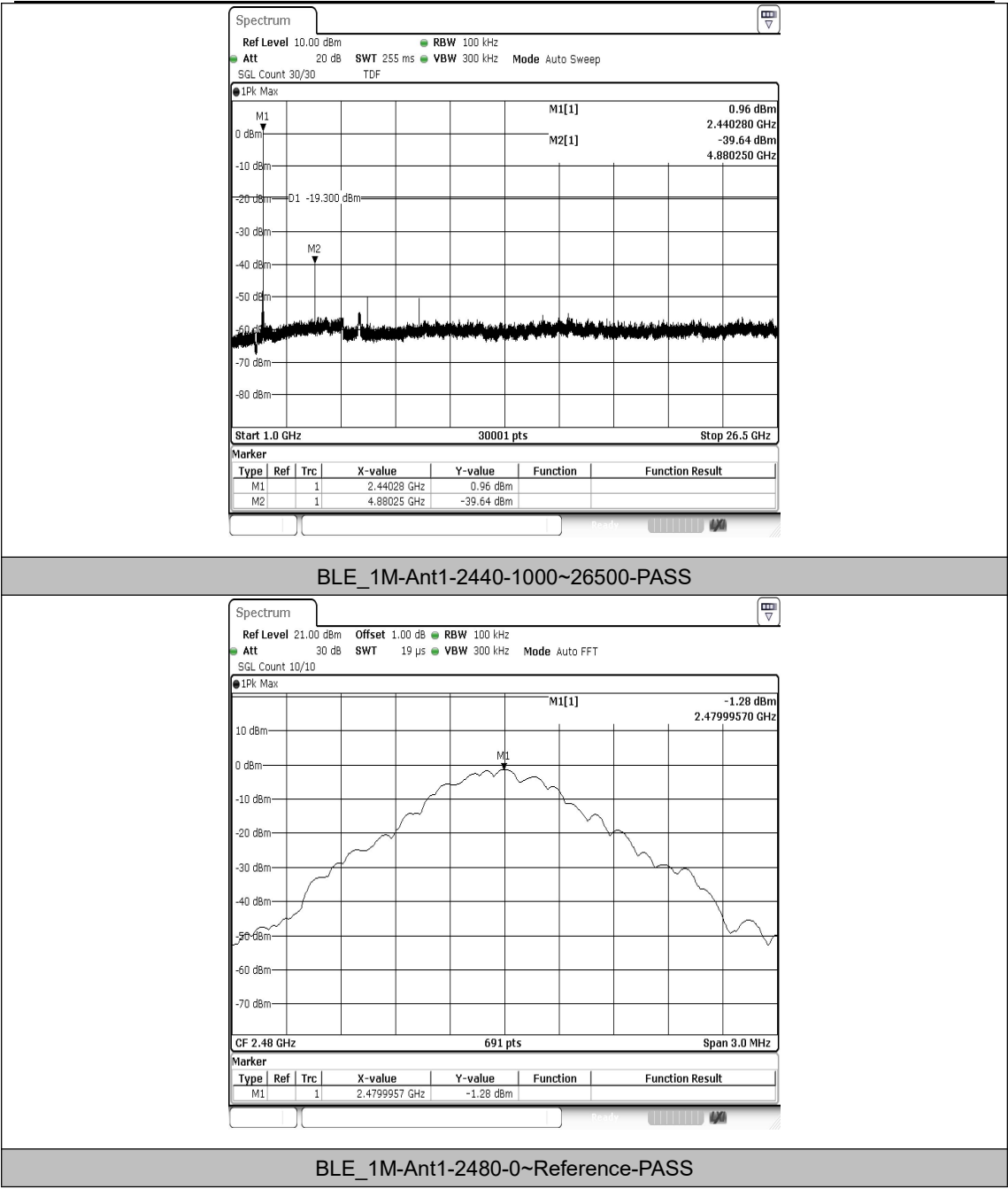


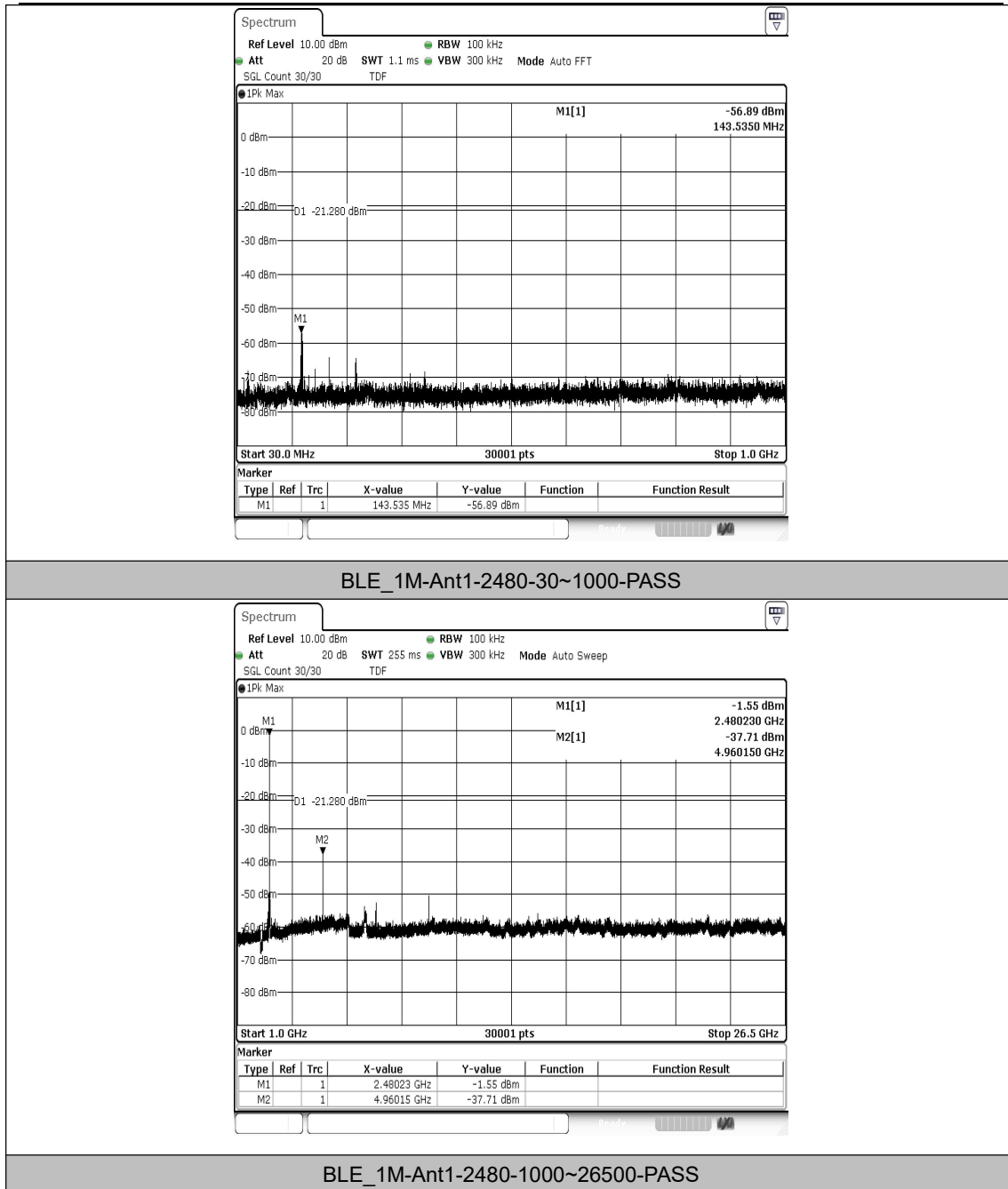


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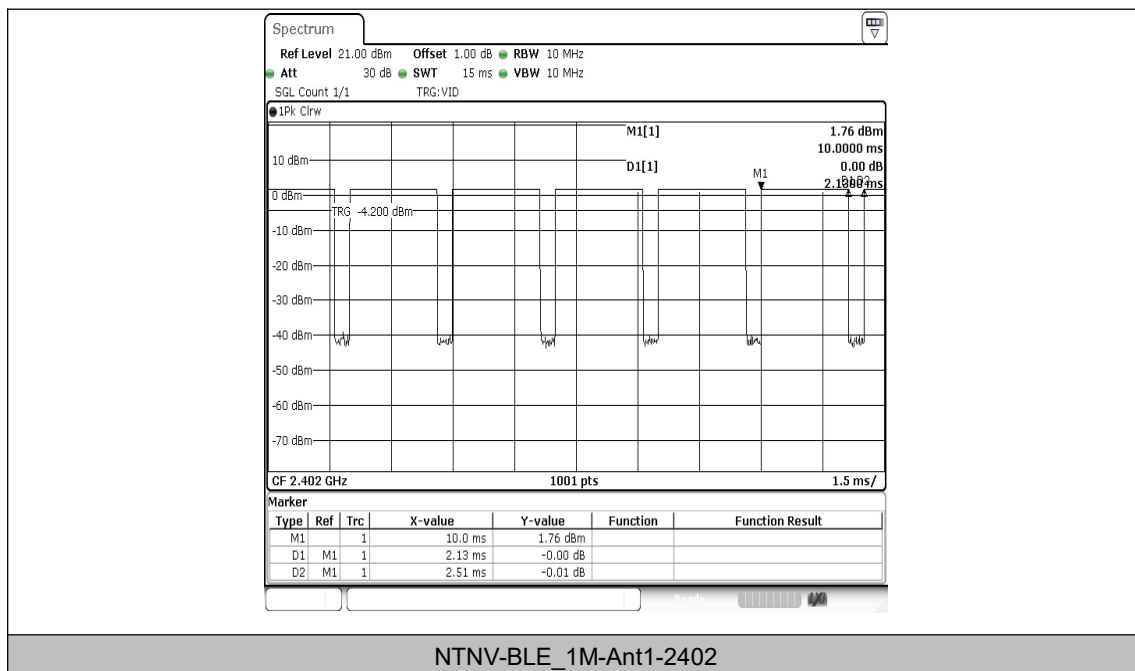


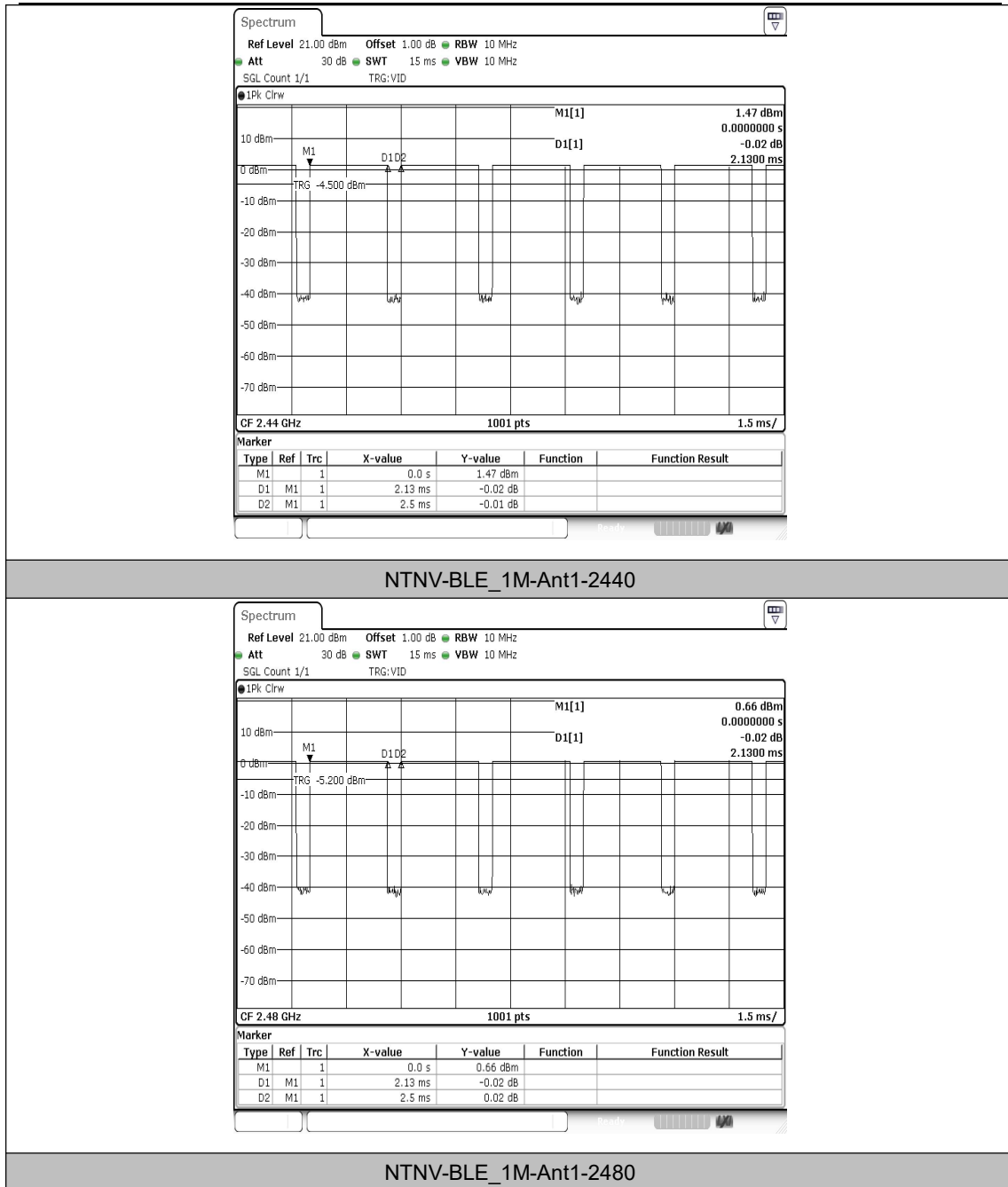
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.13	2.51	84.86	0.71
BLE_1M	Ant1	2440	2.13	2.50	85.20	0.70
BLE_1M	Ant1	2480	2.13	2.50	85.20	0.70

Test Graphs





---End---